Specification Amendments

Please replace the paragraph beginning on page 2, line 1, with the amended paragraph, as follows:

This application is a continuation-in-part of U.S. Patent Application Nos. 09/439,473, filed November 12, 1999, now U.S. Patent No. 6,375,454, issued April 23, 2002; and 09/627,852, filed July 28, 2000, now U.S. Patent No. 6,425,740, issued July 30, 2002.

Please replace the paragraph beginning on page 8, line 22, with the amended paragraph, as follows:

The resonator 14 provides resonating movement in a resonating element. Some aspects of resonating structures are disclosed in U.S. Patent Application No. 09/627,852, filed July 28, 2000, now U.S. Patent No. 6,425,740, issued July 30, 2002, which is herein incorporated by reference. The resonator 14, or resonating structure, can include a mass and spring element which alternate between kinetic and potential energy states, or between maximum and minimum kinetic and potential energies. Such resonating structures may resonate or oscillate for extended periods of time, or continuously with minimal losses, such as friction. Also, the resonator loses energy to the generator.

Please replace the paragraph beginning on page 10, line 20, with the amended paragraph, as follows:

Some aspects of a pulsatile linear combustor are disclosed in U.S. Patent Application No. 09/439,473, filed November 12, 1999, now U.S. Patent No. 6,375,454, issued April 23, 2002, which is herein incorporated by reference. The fuel source 64, and/or oxidizer source 68, can include reservoirs or tanks for holding the fuel and oxidizer, and fuel lines coupled to and between the tanks and the combustion tube 50 for transporting the fuel to the combustion tube. Valves 76 can be disposed between the fuel source and the combustion tube 50, or coupled to the fuel lines, to control the flow of fuel or oxidizer. In operation, the pulsatile linear combustor 46 transports fuel from the fuel source via the fuel lines to the combustion tube 50. The fuels

and/or oxidizer are selected so that they are not combustible until they become a mixed fuel in tube 50 or mixing chamber 54.